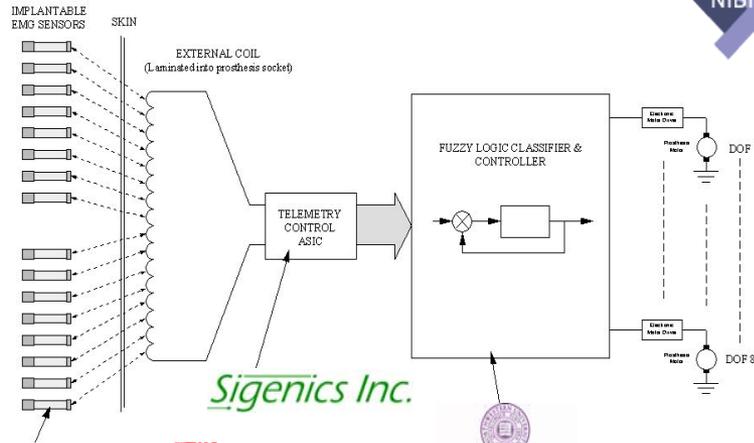


Multifunction Prosthesis Control using Implanted Sensors

DIVISION OF LABOR



Sigenics Inc.

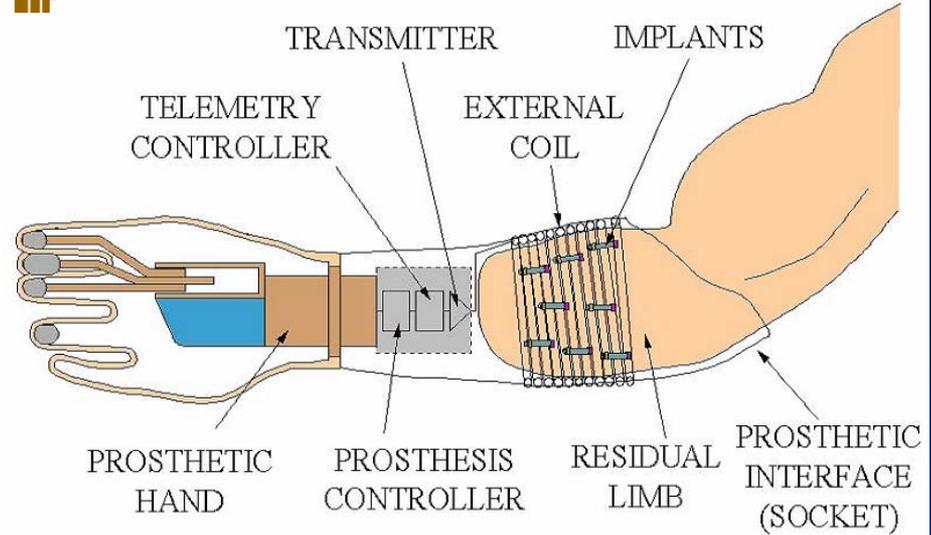
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ALFRED MANN FOUNDATION

NORTHWESTERN UNIVERSITY
Rehabilitation Institute of Chicago



THE CONCEPT



THE PEOPLE

- Richard F. ff. Weir
- Phillip R. Troyk
- Todd A. Kuiken
- Glenn A. DeMichele
- Douglas A. Kerns

BION II PACKAGE



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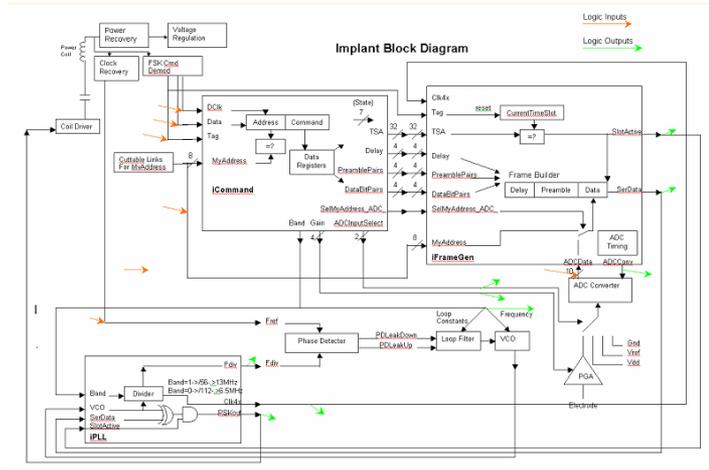
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Rehabilitation Institute of Chicago

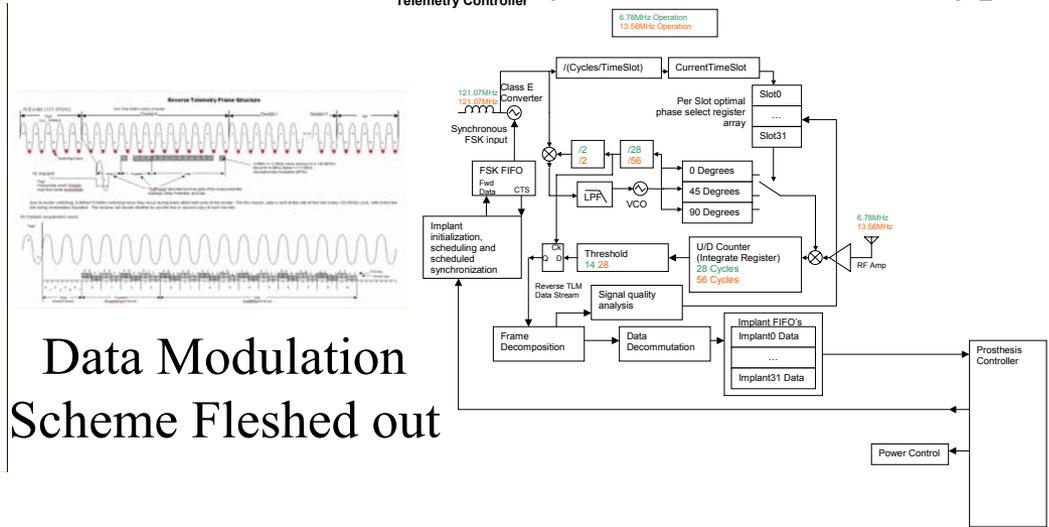
Sigenics Inc.

Progress to Date

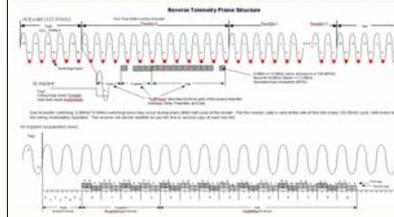
Initial Implant Hardware Designed



Telemetry Controller Prototyped



Data Modulation Scheme Fleshed out



Human Subject Experiments started to elucidate control algorithm

